

FIG. 1

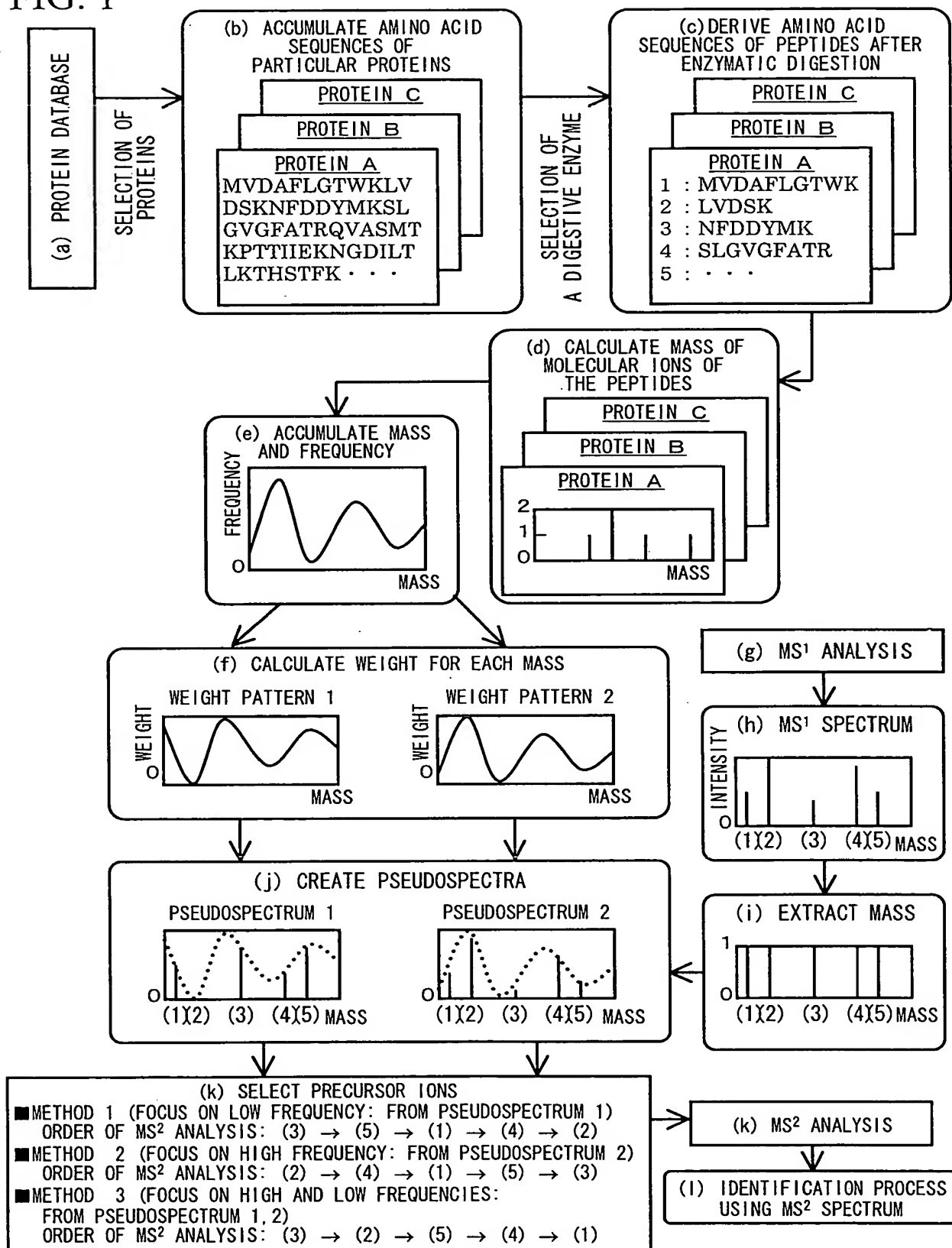


FIG. 2

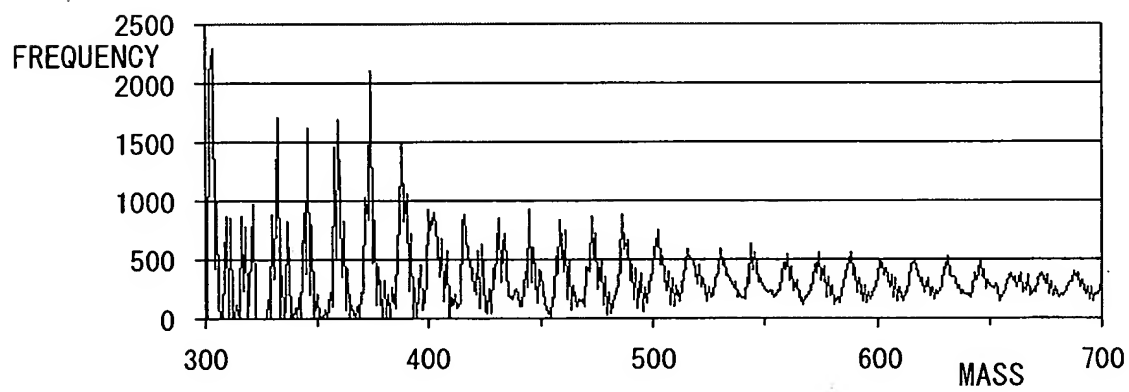
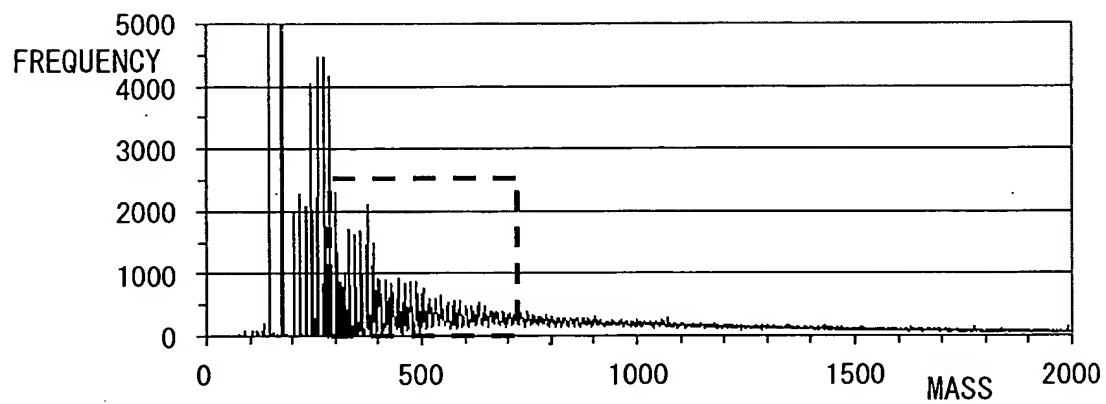


FIG. 3

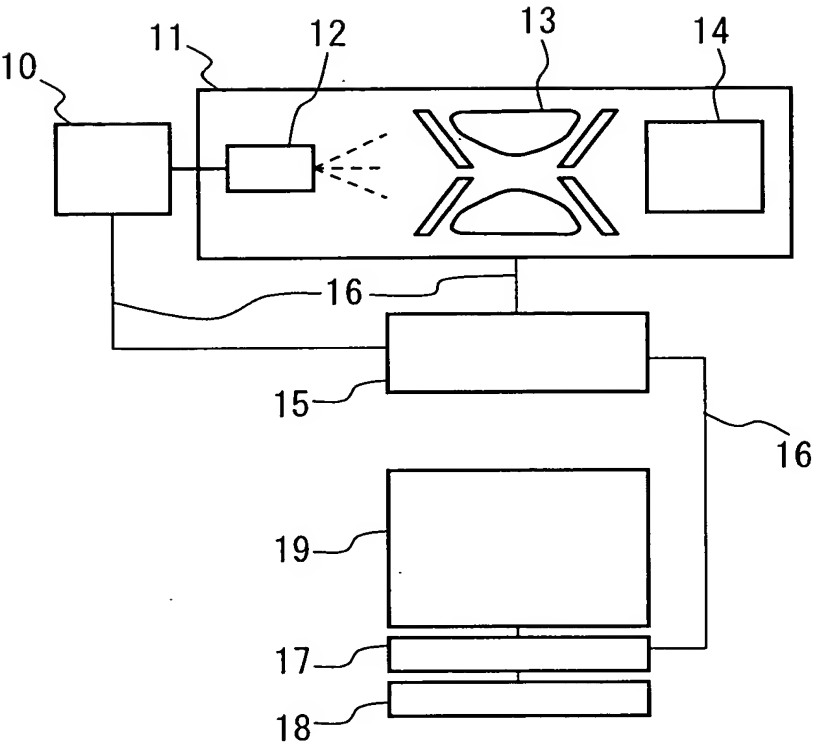


FIG. 4

(a) PROTEIN SELECTION CONDITIONS

DATABASE	SPECIES
Swiss-prot ▼	homo sapiens ▼
KEYWORD	
zinc finger	

(b) FREQUENCY AND WEIGHT PATTERN CALCULATION CONDITIONS

MODIFICATION	<input type="checkbox"/> PHOSPHORIZATION <input type="checkbox"/> ACETYLATION <input type="checkbox"/> METHYLATION	
DIGESTIVE ENZYME	Trypsin	▼
METHOD OF IONIZATION	ESI	▼
MASS ACCURACY (Da)	1	
MASS RANGE (Da)	50	— 40000
MASS TYPE	<input checked="" type="radio"/> MONOISOTOPIC <input checked="" type="radio"/> AVERAGE	

(c) FREQUENCY AND WEIGHT PATTERN CALCULATION RESULTS

☒ FREQUENCY
 ☐ WEIGHT PATTERN 1
 ☐ WEIGHT PATTERN 2

(d) PRECURSOR ION SELECTION AND MS/MS ANALYSIS CONDITIONS

MASS RANGE (Da)	300	—	40000
THRESHOLD OF ION INTENSITY	10	%	▼
PSEUDOSPECTRUM INTENSITY (LOW FREQUENCY)	0.5	—	0.001
PSEUDOSPECTRUM INTENSITY (HIGH FREQUENCY)	1	—	0.01
PRECURSOR ION	<input checked="" type="radio"/> FROM LOW FREQUENCY <input type="radio"/> FROM HIGH FREQUENCY <input type="radio"/> HIGH → LOW ALTERNATELY <input type="radio"/> LOW → HIGH ALTERNATELY		
MS/MS ANALYSIS REPETITION	3	TIMES	▼

FIG. 5

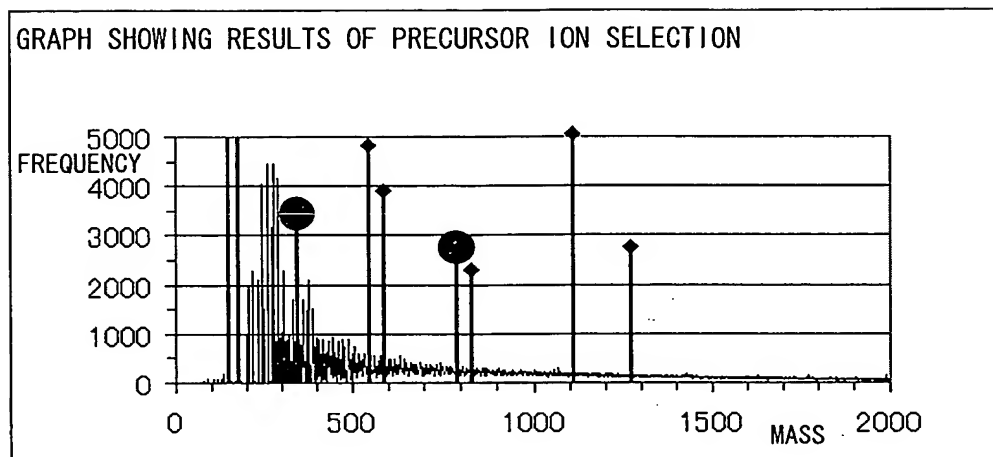


TABLE OF RESULTS OF PRECURSOR ION SELECTION

No.	MASS	ION INTENSITY (%)	FREQUENCY	SELECTION
1	395	70	203	Yes
2	790	55	257	Yes
3	1241	55	260	No
4	1092	100	265	No
5	837	43	271	No
6	604	73	429	No
7	572	92	674	No

FIG. 6

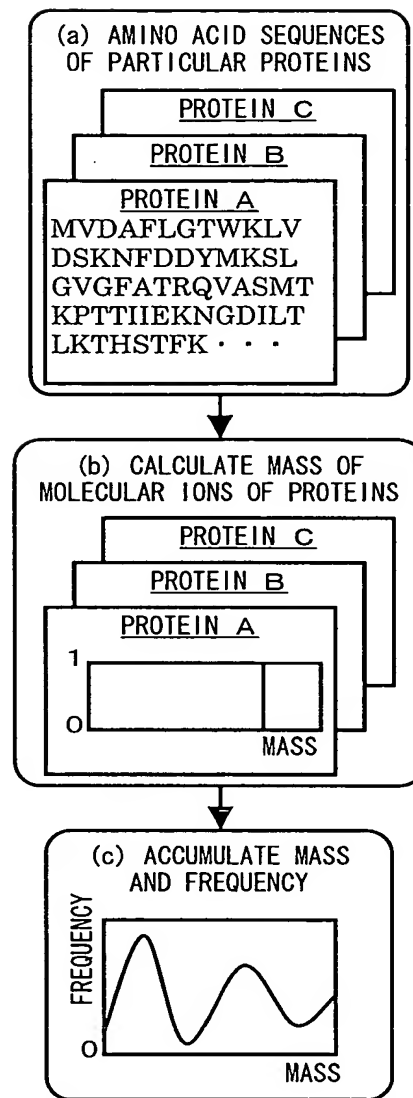


FIG. 7

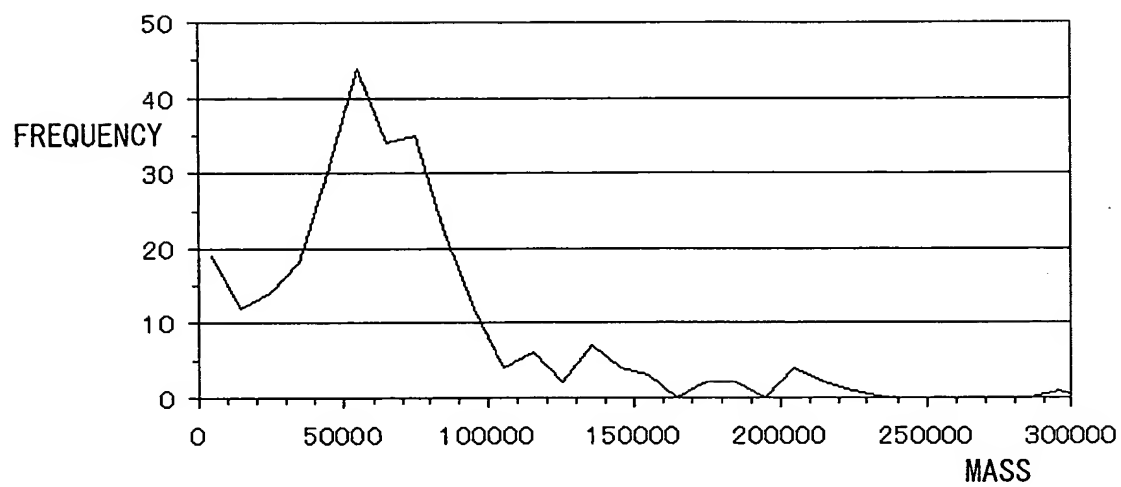


FIG. 8

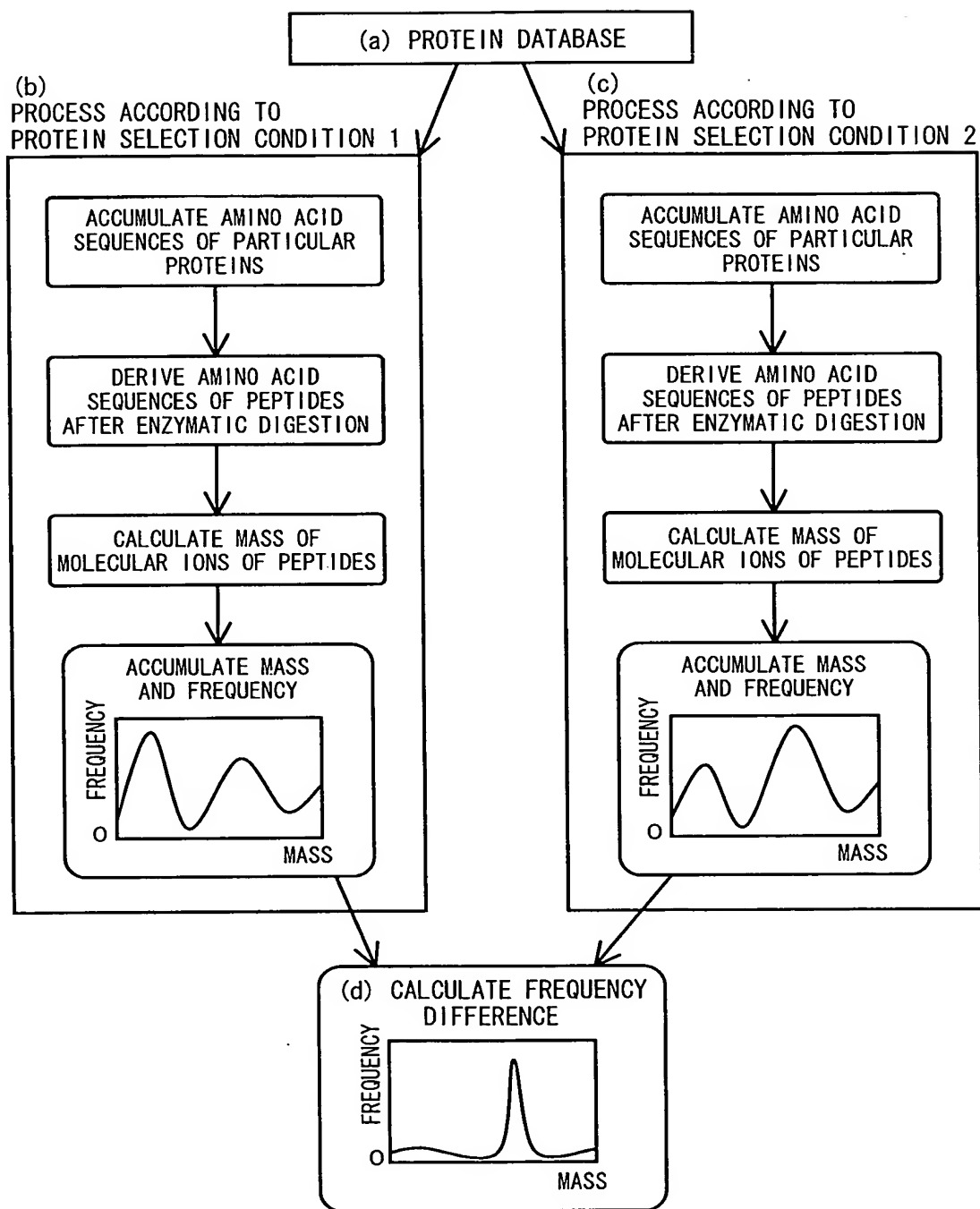


FIG. 9

